

Title (en)

AN ELECTROSURGICAL INSTRUMENT FOR TISSUE ABLATION, AN APPARATUS, AND A METHOD FOR PROVIDING A LESION IN DAMAGED AND DISEASED TISSUE FROM A MAMMAL

Title (de)

EIN ELEKTROCHIRURGISCHES INSTRUMENT ZUR GEWEBEABLATION, EIN GERÄT UND EINE METHODE ZUM HERSTELLEN EINER LESION IN GESCHÄDIGTEM UND ERKRANKTEN GEWEBE EINES SÄUGLINGS

Title (fr)

INSTRUMENT ELECTROCHIRURGICAL POUR L'ABLATION DE TISSUS, EQUIPEMENT ET PROCEDE POUR REALISER UNE LESION DANS UN TISSU ENDOMMAGE ET MALADE D'UN MAMMIFERE

Publication

**EP 0797408 A2 19971001 (EN)**

Application

**EP 95940965 A 19951124**

Priority

- DK 9500471 W 19951124
- DK 142494 A 19941213

Abstract (en)

[origin: WO9618349A2] The invention relates to an electrosurgical instrument, an apparatus and a method for tissue ablation. The invention is useful for performing lesions to tissue, hereby tumours, birth marks, or the like, may be removed. The electrosurgical instrument comprises an elongated tubular element having a distal end and a proximal end, a cooling fluid passage within the tubular element establishes fluid communication between the proximal end and the distal end and an electric conductor, provided at the proximal end, supplies electric energy to the distal end. The apparatus comprises said electrosurgical instrument, means to supply the cooling fluid, a counter electrode and an electric energy source. The method comprises the steps of: 1) to insert the tubular element into tissue, 2) to supply cooling fluid to the tubular element, 3) to supply electric energy to the tubular element.

IPC 1-7

**A61B 17/39**

IPC 8 full level

**A61B 18/14** (2006.01); **A61B 17/00** (2006.01); **A61B 18/00** (2006.01)

CPC (source: EP US)

**A61B 18/1477** (2013.01 - EP US); **A61B 18/1482** (2013.01 - EP US); **A61B 18/1485** (2013.01 - EP US); **A61B 2017/00084** (2013.01 - EP US); **A61B 2018/00023** (2013.01 - EP US); **A61B 2018/00791** (2013.01 - EP US); **A61B 2018/1253** (2013.01 - EP US); **A61B 2018/126** (2013.01 - EP US); **A61B 2018/1425** (2013.01 - EP US)

Citation (search report)

See references of WO 9618349A2

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**WO 9618349 A2 19960620**; **WO 9618349 A3 19960829**; AU 4252596 A 19960703; EP 0797408 A2 19971001; EP 2070486 A1 20090617; EP 2314244 A1 20110427; US 5951546 A 19990914

DOCDB simple family (application)

**DK 9500471 W 19951124**; AU 4252596 A 19951124; EP 09001285 A 19951124; EP 10011917 A 19951124; EP 95940965 A 19951124; US 84967597 A 19970930